

TEMPLATE  
LABORATORY SOURCEBOOK  
*Advances in Physiology Education*

Please see the document *Sourcebook Instructions for Authors* for explanations of what should be included in each of the sections listed below. This document is to facilitate formatting of your submission.

The headers typed in **BOLD** must be part of the manuscript. Use of the non-bold subheader labels in the manuscript is optional. All information indicated by the subheaders should be included if relevant. For additional information, see the Instructions to Authors handout.

Text should be double-spaced. Figures and supplemental information should be uploaded in separate files.

[COVER PAGE]

ACTIVITY TITLE (160 characters and spaces maximum)

First Author<sup>1</sup>, Additional Authors<sup>2-</sup>

<sup>1</sup> Department and Institution, City and State or Country

<sup>2-</sup> Department and Institution, City and State or Country

**CORRESPONDING AUTHOR**

*full mailing address*  
*phone and fax numbers*  
*email information*

**ABBREVIATED TITLE** (60 characters and spaces maximum)

**KEYWORDS** (3-5 words or short phrases that do not appear in the title or running head)

\*\*\*\*\*

**ABSTRACT** (250 WORD LIMIT):

**INTRODUCTION**

**Objectives and Overview**

**Background**

**Learning Objectives:** (include both content knowledge and process skills in one list)  
After completing this activity, the student will be able to:

**Activity Level:** This activity is suitable for

### **Prerequisite Student Knowledge or Skills**

Before doing this activity, students should have a basic understanding of: [content]  
Students should know how to: [skills]

### **Time Required**

## **METHODS**

### **Equipment and Supplies**

### **Human or Animal Subjects** : (IF APPLICABLE)

[Must include statement of approval or exemption for the author's institution, as well as the sentences below:]

Adopters of this activity are responsible for obtaining permission for human or animal research from their home institution. For a summary of Guiding Principles for Research Involving Animals and Human Beings, please see [www.the-aps.org/mm/Publications/Ethical-Policies/Animal-and-Human-Research](http://www.the-aps.org/mm/Publications/Ethical-Policies/Animal-and-Human-Research).

### **Instructions**

### **Troubleshooting**

### **Safety Considerations**

## **RESULTS**

**Expected Results** (*Submit large sample data sets as SUPPLEMENTAL MATERIAL.*)

Misconceptions

**Evaluation of Student Work**

Inquiry Applications

Wider Educational Applications

Additional Information

## **ADDITIONAL RESOURCES**

For additional information on this topic, please see (reference list citation numbers for the items).

## **ACKNOWLEDGMENTS**

**REFERENCES** (*Follow standard citation format for APS journals. Arrange alphabetically by author and number sequentially. The reference list number is placed in parentheses at the appropriate place in the text.*)

## **TABLES, FIGURES, AND SUPPLEMENTAL MATERIAL**